

PRODUCT NO.	ROWS	POWER							SIGNAL					E1	
		E2	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	
51771-029-- NOTE 3	D C B A														

A

A

B

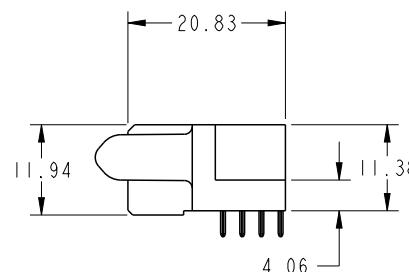
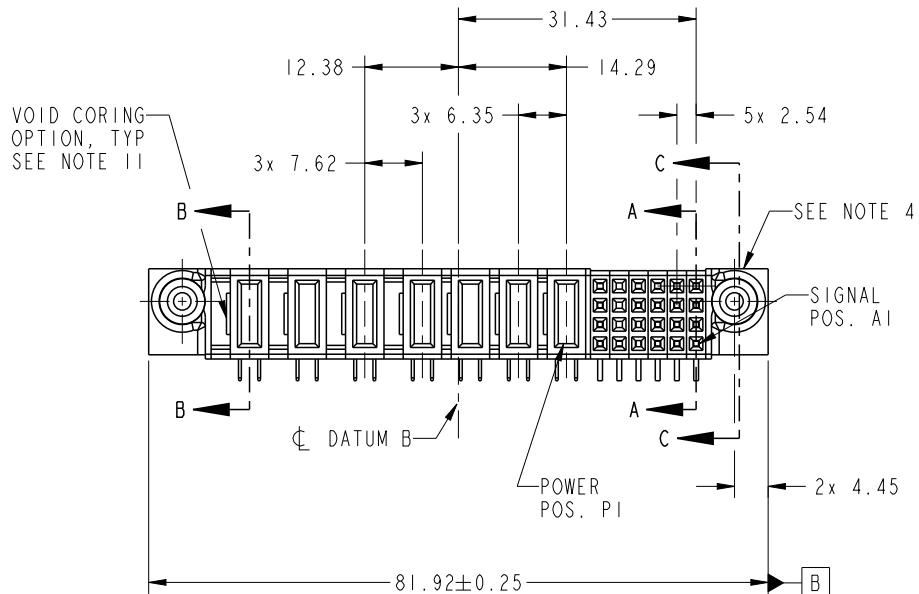
B

C

C

D

D

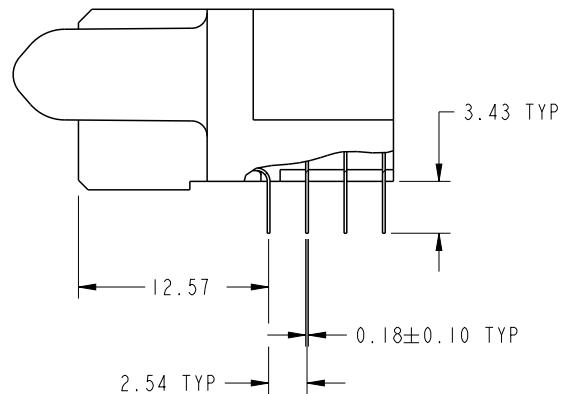


CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
X	OMITTED	

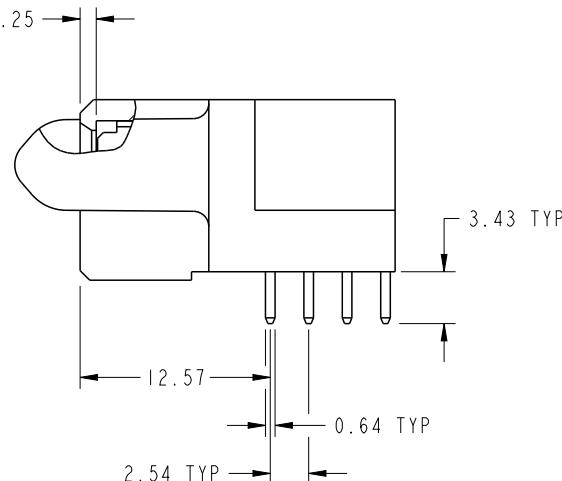
spec ref	SEE NOTES		dr	De-Ming Lu	2015/02/09	projection	MM	size	scale
tolerance std	SEE NOTES		eng	De-Ming Lu	2015/03/06			A4	1:1
SEE NOTES	TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			ecn no	-
surface	✓	linear	appr	Pei-Ming Zheng	2015/03/06	product family	PwrBlade	rel level	Released
		0.X	0.X	24S + 4P + 3ACP					
		0.XX	0.XX						
		0.XXX	0.XXX	+ R/A SOLDER RECEPTACLE					
		angular	angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 4

PRODUCT NUMBER
51771-029--
NOTE 3

A

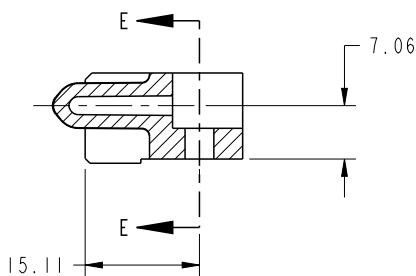


B



A

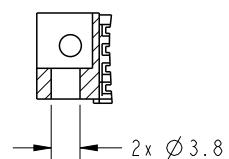
BROKEN-OUT SECTION A-A
SCALE 2:1



C

SECTION C-C

BROKEN-OUT SECTION B-B
SCALE 2:1



B

PARTIAL SECTION E-E

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dr	De-Ming Lu	2015/02/09	projection	MM	size	A4	scale
eng	De-Ming Lu	2015/03/06					
chr	-	-					
appr	Pei-Ming Zheng	2015/03/06	product family	PwrBlade	rel level	Released	
FCI		24S + 4P + 3ACP + R/A SOLDER RECEPTACLE				dwg no 51771-029	rev A
		www.fci.com		cat. no.	Product - Customer Drw		

Pro/E File - REV C - 2009-06-09

Downloaded from Arrow.com

2

3

PDS: Rev :A

STATUS:Released

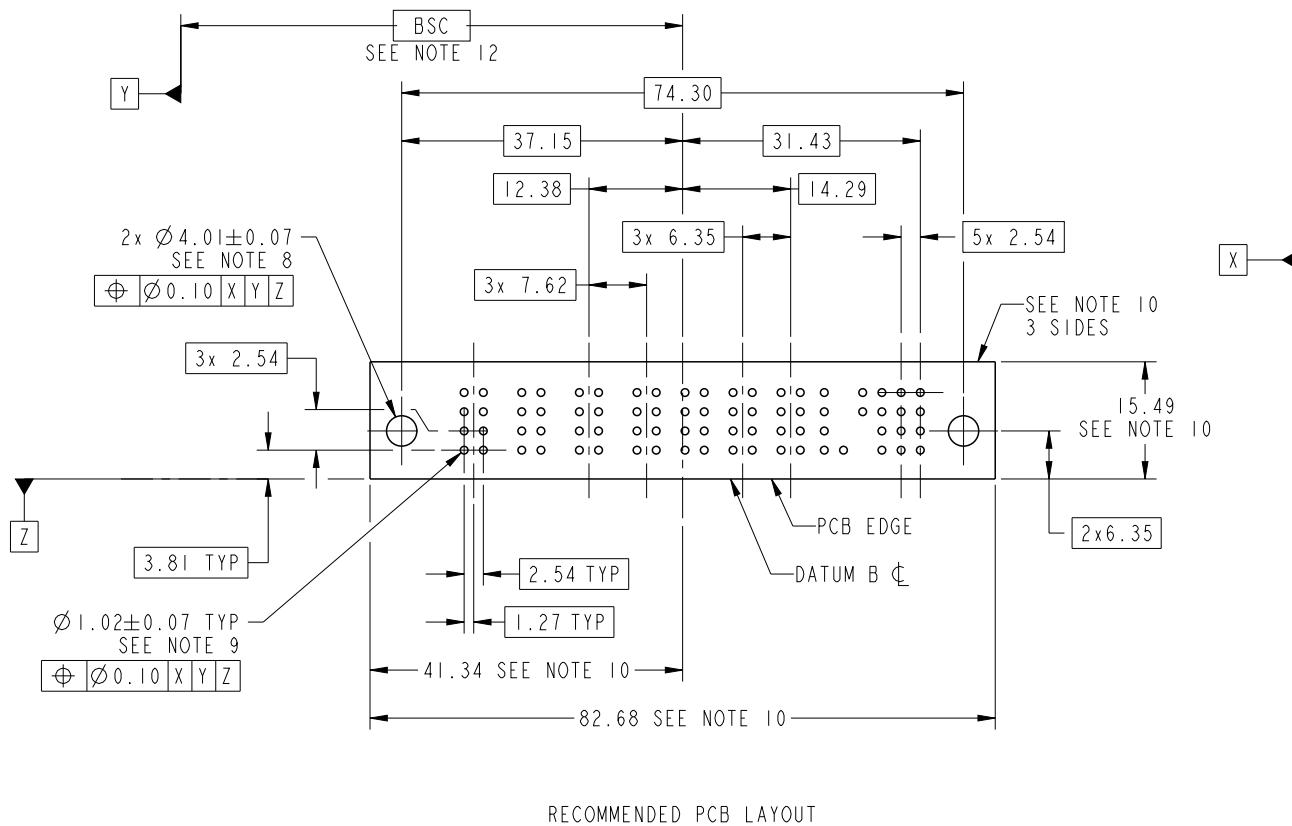
Printed: Mar 06, 2015

FCI

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PRODUCT NUMBER
51771-029-- NOTE 3

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dr	De-Ming Lu	2015/02/09	projection	MM	size	A4	scale
eng	De-Ming Lu	2015/03/06			ecn no		
chr	-	-			rel level		
appr	Pei-Ming Zheng	2015/03/06	product family	PwrBlade			Released
24S + 4P + 3ACP + R/A SOLDER RECEPTACLE				dwg no	51771-029		
cat. no.				Product - Customer Drw	sheet 3 of 4		

Pro/E File - REV C - 2009-06-09

PRODUCT NUMBER

51771-029
NOTE 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC

POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. SEE ITEM 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51771-029 AND 51771-029LF RESPECTIVELY.

4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9. $\phi 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH 0.008 MIN SnPb OR Sn OVER 0.03 TO 0.08 Cu PLATING TO ACHIEVE $\phi 1.02 \pm .07$ HOLE.

10. CONNECTOR KEEP-OUT ZONE.

11. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

12. DATUM AND BASIC DIMENIONS ARE ESTABLISHED BY CUSTOMER.

dr	De-Ming Lu	2015/02/09	 product family	MM	size	A4	scale
eng	De-Ming Lu	2015/03/06			ecn no		
chr	-	-			rel level		
appr	Pei-Ming Zheng	2015/03/06		PwrBlade			Released
	e	24S + 4P + 3ACP	dwg no	51771-029	rev		A
	+	R/A SOLDER RECEPTACLE					
www.fci.com	cat. no.	Product - Customer Drw		sheet 4 of 4			